

## **FRONTLIT ILLUMINATED TOUCH PANEL**

### **Abstract**

A frontlit touch panel for use with a reflective light valve, comprising a front light guide  
5 having at least one light input face that supplies light to the guide, a viewing face, a light  
output face opposite the viewing face, and at least one component of a touch-sensitive  
transducer, the light output face having a light extraction layer thereon having a  
substantially flat light exit face and containing buried reflective facets that extract  
supplied light from the guide through the light exit face. The touch panel can be used  
10 with a light source, reflective light valve and suitable control electronics to form a  
compact, efficient illuminated touch panel display assembly.